

Spackman, Gary

From: Berkey, Jennifer
Sent: Tuesday, July 27, 2004 2:38 PM
To: Luke, Tim
Cc: Burrell, Steve; Spackman, Gary
Subject: Impact of Howell Gage Error

Tim,

I have calculated the impact of the Howell Gage error, which resulted in the administration of the Big Lost River system as a "connected" river from June 22 to June 30. After the USGS corrected the gage data, we then determined that the river had actually "disconnected" on June 21. I assumed that the 5-day average of water diverted between July 1 and July 5, 2004 is representative of what the water users above the reservoir would have diverted from June 22 to June 30, if we had known that the river was "disconnected". I deducted excessive deliveries from the calculations. The difference between what they would likely have diverted and what was delivered between June 22 and June 30 is 4,183 AF. I have not run any numbers for individual users, but it would appear that many of the groundwater users above Mackay Reservoir may have been shorted enough water during this time to fulfill their individual portion of the mitigation burden.



ImpactGageError.xls

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